

Ref. 5206

DSN-PA-3249

PA0001407105 4/17/96



POTENTIAL HAZARDOUS WASTE SITE SITE IDENTIFICATION ("DISCOVERY")

I. IDENTIFICATION

01 ST	02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) SABA Property - Parcel 66		02 STREET, ROUTE NUMBER, OR SPECIFIC LOCATION IDENTIFIER Big Oak Road & Township Line Road			
03 CITY Langhorne	04 ST PA	05 ZIP CODE 19047	06 COUNTY Bucks	07 CO CODE	08 CONG DIST

09 DIRECTIONS TO SITE (Starting from nearest public road; enter up to 4 lines of text)
From Langhorne-Yardley Road (Middletown Township) south on Maple Point Drive to end of street.

III. RESPONSIBLE PARTIES

01 OWNER (if known) Township Line Plaza, Inc.		02 STREET (Business, residential, mailing)			
03 CITY	04 ST	05 ZIP CODE	06 TELEPHONE NUMBER		
07 OPERATOR (if known and different from owner)		08 STREET (Business, residential, mailing)			
09 CITY	10 ST	11 ZIP CODE	12 TELEPHONE NUMBER		

13 TYPE OF OWNERSHIP (Mark one; use "insert" mode)
 A. PRIVATE B. FEDERAL (Agency name): _____ C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER (Specify): _____ G. UNKNOWN

IV. HOW IDENTIFIED

01 DATE IDENTIFIED (Month/Day/Year)	02 IDENTIFIED BY (Mark all that apply; use "insert" mode) <input checked="" type="checkbox"/> A. CITIZEN COMPLAINT <input type="checkbox"/> B. INDUSTRY <input type="checkbox"/> C. STATE/LOCAL GOVERNMENT <input type="checkbox"/> D. AERIAL RECONNAISSANCE <input type="checkbox"/> E. RCRA INSPECTION <input type="checkbox"/> F. SURFACE IMPOUNDMENT ASSESSMENT <input type="checkbox"/> G. OTHER EPA IDENTIFICATION <input type="checkbox"/> H. OTHER (Specify): _____				
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V. SITE CHARACTERIZATION

01 TYPE OF SITE (Mark all that apply; use "insert" mode)
 A. STORAGE B. TREATMENT C. DISPOSAL D. UNAUTHORIZED DUMPING E. OTHER (Specify): _____

02 SUMMARY OF KNOWN PROBLEMS (Provide narrative description; enter up to 8 lines of text)
Residents reported dumping in several areas behind backyards of homes.

03 SUMMARY OF ALLEGED OR POTENTIAL PROBLEMS (Provide narrative description; enter up to 5 lines of text)
Aerial photographs indicate pits/trenches in area behind homes.

VI. INFORMATION AVAILABLE FROM

01 CONTACT MAGGIE JENNIS		02 OF (Agency/Organization) EPA		03 TELEPHONE NUMBER 597-8229	
04 PREPARED BY MAGGIE JENNIS	05 AGENCY EPA	06 ORGANIZATION HWMID	07 TELEPHONE NUMBER 597-8229	08 DATE (Month/Day/Year) 4-1-96	

by Cantel
4/10/96

20 4/10/96
Reviewed. Assigned for processing



5 Underwood Court, Delran, New Jersey 08075-1229
609-461-4003 • 215-238-0338 • Fax 609-461-4916

1/26/96
(Res)

SITE ASSESSMENT TECHNICAL ASSISTANCE

EPA CONTRACT 68-S5-3002

31 July 1996

Mr. Steve Jarvela (3HW31)
On-Scene Coordinator
U.S. Environmental Protection Agency
841 Chestnut Building
Philadelphia, PA 19107

TDD No. 9605-43
DCN B0000428

Subject: SABA Parcel 66 Sampling Plan

Dear Mr. Jarvela:

Enclosed is the SABA Parcel 66 Sampling Plan for your review. Please feel free to contact me at (215) 238-0338, Ext. 214 regarding any aspect of this plan.

Very truly yours,

ROY F. WESTON, INC.



John Fellingner
Site Assessment Group Leader

cc: TDD File

F:/Public/Fellingner/Sampling/SABA

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Foster Wheeler Environmental Corporation; Resource Applications, Inc.; C.C. Johnson & Malhotra, P.C.; and PRC Environmental Management, Inc.

SAMPLING PLAN

SABA PARCEL 66

TDD No. 9605-43

MIDDLETOWN, BUCKS COUNTY, PENNSYLVANIA EPA CONTRACT No. 68-S5-3002

1.0 INTRODUCTION

Under the authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the U.S. Environmental Protection Agency (EPA), Region III Superfund Removal Branch On-Scene Coordinator (OSC) Steve Jarvela has directed the Roy F. Weston, Inc. (WESTON[®]), Site Assessment Technical Assistance (SATA) team to conduct a sampling investigation at the SABA Parcel 66 Site (Site), in Middletown, Bucks County, Pennsylvania. The surface and subsurface sampling will investigate the threat to human health and the environment posed by the Site.

2.0 SITE DESCRIPTION

2.1 Location

The SABA Parcel 66 Site is located at the corner of Township Line and Big Oak Roads in Middletown Township, Bucks County, Pennsylvania. The Site Location Map, Figure 1, provides an overview of the Site and the surrounding area. The climate of Bucks County is humid continental. The average monthly temperature is approximately 47° F. The average annual precipitation is 43.19 inches, with an average annual evaporation of 32.5 inches, for a net precipitation of 10.69 inches. The Site is located at 40°12'01" N latitude and 074°52'55" W longitude.

2.2 Site Description

The Site encompasses approximately seven acres, and is adjacent to residential areas, agricultural areas and several schools. The Site consists primarily of forestlands and areas of wetland vegetation. Portions of the Site contain standing liquid, which is indicative of wetlands habitat. Several roads and trails cross the property, and there is evidence of trash dumping and other improper disposal of tires/debris throughout the Site. The Site lies adjacent to the Maple Point housing development, and serves as the storm water management area for the development.

2.3 Background

The Site is alleged to be a dumping area for the builders of the Maple Shade housing development, which borders the SABA Parcel 66 property on the north

11/15/91
 (Rev)

and east sides. Aerial photography dating to 1981 identifies areas of suspected dumping on the Site and in the Maple Shade housing development. The photography shows disposal trenches and roads leading from the construction operations areas into the SABA Parcel 66 areas. Aerial photographs taken in 1985 show three separate disposal areas, which contain tires, debris, and trash. These areas are still visible in current photographs and were observed during Site visits.

3.0 PROJECT DESCRIPTION

3.1 Objective

The objective of this sampling event is to determine if hazardous substances were placed or disposed on the Site by detecting them in the surface and subsurface soils.

3.2 Scope of Work

The scope of work is as follows: sample surface and subsurface soils around the Site in areas where evidence of dumping and disposal were evident.

The following table identifies the proposed sampling locations and their matrices. In addition, the sample locations are illustrated in Figure 2, Sampling Location Map.

Table 1
 Sample Locations

Sample Identifier	Matrix	Type of Sample	Location
SS-01	Soil	Surface Soil Grab	Station #1
SS-02	Soil	Subsurface Soil Grab	Station #1
SS-03	Soil	Surface Soil Grab	Station #2
SS-04	Soil	Subsurface Soil Grab	Station #2
SS-05	Soil	Surface Soil Grab	Station #3
SS-06	Soil	Subsurface Soil Grab	Station #3
SS-07	Soil	Surface Soil Grab	Station #4
SS-08	Soil	Subsurface Soil Grab	Station #4
SS-09	Soil	Surface Soil Grab	Station #5
SS-010	Soil	Subsurface Soil Grab	Station #5
SS-011	Soil	Surface Soil Grab	Station #6
SS-012	Soil	Subsurface Soil Grab	Station #6
SS-013	Soil	Surface Soil Grab	Station #7
SS-014	Soil	Subsurface Soil Grab	Station #7
SS-015	Soil	Surface Soil Grab	Station #8
SS-016	Soil	Subsurface Soil Grab	Station #8

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(Res)

3.3 Data Use

The data will be used to determine if hazardous substances were dumped on the site and in which specific locations. The detected levels of contaminants, if any, will be compared to EPA Region III risk based concentrations (RBC) to determine if further sampling is necessary (EPA, 1996).

4.0 SAMPLING PROCEDURES

4.1 Sample Collection

Field work will begin with a site reconnaissance to verify that the planned sample locations are appropriate and accessible. The samples will be collected in the order listed in Table 1.

SATA personnel will collect a total of 16 soil samples: eight samples from the surface (0-3") and eight samples at 1 foot depth. The on-site sample locations have been selected to cover known dumping areas and the roads leading to these areas. All soil samples will be collected in accordance with SATA Standard Operating Procedure (SOP) No. 302, Surface Soil Sampling (SATA, 1996). The soil samples will be homogenized in an aluminum pan before being placed in the appropriate sample container.

4.2 Sample and Equipment Decontamination

Sampling equipment will be decontaminated according to SATA SOP No. 301, Sampling and Equipment Decontamination. Disposable sampling equipment will be double-bagged, returned to the Delran SATA office and disposed of as dry industrial waste.

4.3 Sample Packaging and Storage

Sample containers will be labeled and shipped with a sample label and a sample tag affixed to each container. Sample containers will be placed in plastic zipping bags before being placed into appropriate transport containers. The containers will be packed with appropriate absorbent material, such as vermiculite, and preserved with ice. All sample documents will be affixed to the underside of each transport container lid. The lid will be sealed with strapping tape and custody seals will be affixed to the transport container. Transport containers will be labeled with the origin and destination addresses.

Regulations for packaging, marking, labeling, and shipping of hazardous materials and wastes are promulgated by the U.S. Department of Transportation (DOT). Air carriers which transport hazardous materials, in particular, Federal Express, require compliance with the current edition of the International Air Transport Association (IATA) Dangerous Goods Regulations, which applies to shipment and transport of hazardous materials by air carrier. SATA will follow IATA regulations to ensure compliance.

5.0 ANALYTICAL PARAMETERS

Table 2 below provides a summary of the matrices to be collected, parameters to be analyzed, analysis methods, sample containers needed, and detection limits required for this sampling event.

Table 2
Summary of Analytical Parameters

Matrix	Analytical Parameter	Test Method	Containers and Preservatives Used	Special Detection Limits Needed
Soils	VOA	CLP SOW OLM03.0	1 - 4 oz. CWM 4°C	CRDL
Soils	BNA	CLP SOW OLM03.0	1 - 8 oz. CWM 4°C	CRDL
Soils	TAL Metals	CLP SOW ILMO 4.0	1 - 8 oz. CWM 4°C	CRDL

6.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PROCEDURES

This sampling plan is designed to satisfy the EPA Region III Environmental Services Division (ESD) Central Regional Laboratory (CRL) *Sample Submission Guidelines*, November 1994 (CRL, 1994).

6.1 Field Quality Control (QC)

The SATA Site Leader will be responsible for ensuring that sample quality and integrity are maintained in accordance with the appropriate SATA SOPs and the EPA Region III ESD CRL *Sample Submission Guidelines*. Sample labeling and documentation procedures are performed as described in Section 6.3 of this sampling plan.

6.2 Sample and Equipment Decontamination

All non-disposable sampling equipment will be decontaminated between samples and after completion of sampling in accordance with ERT SOP No. 2006, (EPA, 1991a) using an Alconox/water solution and rinsed with deionized water using a garden sprayer and airdried. After collecting the samples, all soil and sediment sampling jars/bottles without visible contamination will be wiped off with clean paper towels and sample jars/bottles with visible contamination will be decontaminated using an Alconox/water solution and rinsed with deionized water using a garden sprayer and airdried.

6.3 Sample Documentation and Sample Management

Sample documentation will include logbook entries, chain of custody records, sample labels, sample identification tags, and custody seals. In addition, the forms listed below may be used for CLP laboratory sample shipments:

- Organic Traffic Report/Chain of Custody Records
- Inorganic Traffic Report/Chain of Custody Records
- Chain of Custody Records
- EPA shipping log

Sample volumes and appropriate containers required for each media are summarized in Table 2. All purchased sample containers will be pre-cleaned, accompanied with a certificate of analysis, which certifies that these containers meet EPA criteria. All certificates of analyses will be kept in the site file for future reference. Containers are received in sealed cartons according to their lot numbers.

6.3.1 Logbooks

All pertinent sample data will be recorded legibly in ink in a dedicated field logbook assigned to the site. All entries will follow WESTON® standard logbook protocols. The following minimum sampling information will be recorded in the logbook:

- Sample location and sample number
- Time and date of sample collection
- Sample description
- Name(s) of the sampler(s)
- Sample container type, quantity and preservatives used
- Requested analyses
- Weather conditions
- Condition(s) that may affect the quality of the sample

6.3.2 Chain-of-Custody Records

A Chain-of-Custody Record will be maintained from the time of sample collection until final disposition in accordance with either or all of the Traffic Report and Chain-of-Custody Forms: EPA Form No. 9110-1 Revision 5-91, and No. 9110-2 Revision 3-93. Every transfer of custody will be noted and signed. The distribution of the Chain-of-Custody Forms will be done in accordance with the distribution list at the bottom of each form. The Chain-of-Custody Record shall contain, at minimum, the following information:

- CLP case/DAS number
- Project code
- Project identification number
- Sample number
- Sample type and description
- Sample location
- Time and date of sample collection
- Requested analyses
- Sample information (e.g., No. of bottles, preservatives, etc.)
- Names and signatures of samplers
- Signatures of individuals who have had sample custody
- The name of the carrier and the airbill number, if the sample is shipped

6.3.3 Sample Labels and Sample Tags

The following information will be recorded on the sample labels affixed to each container:

- Project identification number
- Sample number
- Time and date of sample collection
- Sample type (composite/grab)
- Sample location
- Analyses requested
- Preservatives used

In addition to a sample label, one sample tag in accordance with EPA Tag (GPO): 1994-379-334 will be affixed to each sample container. The sample tags bear serial numbers. The following information, at minimum, will be recorded on the sample tag:

- CLP case/DAS number
- Project code
- Sample number

- Time and date of sample collection
- Sample type (composite/grab)
- Sample location
- Analyses requested
- Preservatives used
- Signatures of samplers
- Lot number of the sample container
- Remarks

6.3.4 Custody Seals

Custody seals confirm that samples have not been tampered with. The individual who has custody of the samples will sign, date, and affix the seals to the cooler or shipping box which contains the samples so that it cannot be opened without breaking the seal. A wide, clear tape will be placed over the seals to ensure that the seals are not accidentally broken during transportation.

6.4 Laboratory Quality Control

All laboratory QC will follow the Contract Laboratory Program (CLP) 90 Statement of Work. The data will be presented in a tabular form with quality control limits. The laboratory will also provide calibration and tune data, method blank data per analysis per matrix, analysis dates, raw data and CLP forms and deliverables.

7.0 REPORTS

Information gathered from this sampling event will be compiled into a Trip Report. The report will include the data collection methods, sample locations, data summary tables with qualifiers applied during data validation, and a Data Quality Report. The Trip Report will be submitted to EPA upon completion.

8.0 REFERENCES

CRL (U.S. Environmental Protection Agency, Central Regional Laboratories). 1994. *Sample Submission Guidelines*. EPA Environmental Services Division, Central Regional Laboratories, Annapolis, MD. November.

CRL 1993. *Region III Modifications to the Contract Laboratory Program National Functional Guidelines for Organic and Inorganic Analysis*. EPA Environmental Services Division, Central Regional Laboratories, Annapolis, MD. November.

EPA (U.S. Environmental Protection Agency). 1996. *Risk Based Concentration Tables*.
Prepared by Roy L. Smith, Philadelphia, PA. 19 April.

IATA (International Air Transport Association). 1995. *Dangerous Goods Regulations*.
IATA Resolution 618, Attachment A.

SATA (Site Assessment Technical Assistance). 1996. *Compendium of SATA Standard
Operating Procedures* (draft). Delran, NJ.



LEGEND

- State Route
- ◻ Geo Feature
- Town, Small City
- ▲ Park
- ▭ Interstate, Turnpike
- ▭ US Highway
- ▭ Population Center
- ▭ Street, Road
- ▭ Hwy Ramp
- ▬ Major Street/Road
- ▬ Interstate Highway
- ▬ State Route
- ▬ US Highway
- ▬ Railroad
- ▬ River
- ▭ Open Water

Scale 1:62,500 (at center)

1 Miles

2 KM

Figure 1 - Site Location Map

Mag 13.00

Mon Jul 29 08:58:46 1996

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Metals Results With Associated Data Qualifiers

SABA Parcel 66

Middletown, Bucks Co., PA

September 1996

SOIL CRDL (mg/kg)	SAMPLE # Lab ID # % SOLIDS ANALYTE	SS-11	SS-12	SS13	SS-14	SS-15	SS-16	WS-01	WATER CRDL (ug/L)
		5514	5515	5485	5486	5487	5488	5513	
		74.7	81.4	71.8	79.2	66.6	78.5	N/A	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/L	
40	Aluminum	5150	7840	7650	15000	6590	13700	68300 J	200
12	Antimony	6.5 UL	6.0 UL	8.2 UL	6.2 UL	7.3 UL	6.2 UL	27.1 UJ	60
2	Arsenic	6.3	7.1	4.3	7.7	3.2	3.5	27.2	10
40	Barium	46.1	45.4	39.6	48.3	45.7	62.9	220	200
1	Beryllium	0.18 K	0.23 K	0.29 K	0.32 K	0.18 K	0.29 K	5.3	5
1	Cadmium	0.75 UJ	0.69 UJ	0.78 UJ	0.71 UJ	0.84 UJ	0.71 UJ	3.1 UL	5
1000	Calcium	375	499	345	635	301	523	13300	5000
2	Chromium	9.2	13.0	13.2	28.2	10.8	20.6	45.3	10
10	Cobalt	3.6 K	4.0 K	3.7 K	3.8 K	2.3 U	5.1 K	43.9 K	50
5	Copper	6.2	2.7	4.9	8.7	6.4	7.6	34.4	25
20	Iron	10200	20000	12600	28600	8170	15200	43500	100
0.6	Lead	36.8	10.3 B	21.4 B	10.9 B	23.5 B	10.4 B	19.0	3
1000	Magnesium	585	811	877	1790	617	1690	14400	5000
3	Manganese	118	81.5	35.9	49.4	36.3	61.0	911	15
0.04	Mercury	0.07 U	0.06 U	0.07 U	0.06 U	0.08 U	0.06 U	0.18	0.2
8	Nickel	4.6 U	4.2 U	5.3 K	8.2 K	5.4 K	7.3 K	22.2	40
1000	Potassium	222 U	245	231 U	515	249 U	323	16800	5000
1	Selenium	0.57 L	0.52 UL	0.58 UL	0.53 UL	1.1 UL	0.54 UL	11.4 B	5
2	Silver	0.99 U	0.91 U	1.0 U	0.93 U	1.1 U	0.94 U	4.1 U	10
1000	Sodium	37.9	48.6	25.4 B	40.0	35.5	66.0	23100	5000
2	Thallium	1.1 U	1.0 U	1.2 U	1.1 U	1.3 U	1.1 U	4.7 U	10
10	Vanadium	20.7	26.3	22.5	40.9	20.0	30.9	59.4	50
4	Zinc	34.3	14.7	27.1	27.8	24.5	26.8	49.0	20

U = Not Detected, Value Indicates Detection Limit

CRDL = Contract Required Detection Limit

L = Biased Low

J = Approximate

UL = Detection Limit Biased Low

K = Biased High

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK14

ORIGINAL
(Rev)

Lab Name: _____ Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB1114

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2461.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/14/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
74-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	10		U
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-09-2	Methylene Chloride	4.2		J
156-60-5	trans-1,2-Dichloroethene	5		U
75-34-3	1,1-Dichloroethane	5		U
67-66-3	Chloroform	5		U
107-06-2	1,2-Dichloroethane	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
110-75-8	2-Chloroethyl vinyl ether	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
124-48-1	Dibromochloromethane	5		U
75-25-2	Bromoform	5		U
108-88-3	Toluene	5		U
127-18-4	Tetrachloroethene	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
95-50-1	1,2-Dichlorobenzene	5		U

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ORIGINAL
(Red)

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK14

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB1114
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2461.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 11/14/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No non target compound found			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
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26.				
27.				
28.				
29.				
30.				

000053

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB1121

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2511.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/21/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
74-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	10		U
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-09-2	Methylene Chloride	2.4		J
156-60-5	trans-1,2-Dichloroethene	5		U
75-34-3	1,1-Dichloroethane	5		U
67-66-3	Chloroform	5		U
107-06-2	1,2-Dichloroethane	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
110-75-8	2-Chloroethyl vinyl ether	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
124-48-1	Dibromochloromethane	5		U
75-25-2	Bromoform	5		U
108-88-3	Toluene	5		U
127-18-4	Tetrachloroethene	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
95-50-1	1,2-Dichlorobenzene	5		U

000054

ORIGINAL
(Red)

ORIGINAL
(102)

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____

Project No. _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB1121

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2511.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/21/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 1 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	3.28	15	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
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16.				
17.				
18.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK16

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1116

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3042.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. 100 Date Analyzed: 11/16/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
74-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	10		U
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-09-2	Methylene Chloride	1.7		J
156-60-5	trans-1,2-Dichloroethene	5		U
75-34-3	1,1-Dichloroethane	5		U
67-66-3	Chloroform	5		U
107-06-2	1,2-Dichloroethane	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
110-75-8	2-Chloroethyl vinyl ether	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
124-48-1	Dibromochloromethane	5		U
75-25-2	Bromoform	5		U
108-88-3	Toluene	5		U
127-18-4	Tetrachloroethene	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
95-50-1	1,2-Dichlorobenzene	5		U

000056

ORIGINAL
(Red)

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK16

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1116
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3042.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: not dec. 100 Date Analyzed: 11/16/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	5.90	5.7	J
2.	Unknown	9.29	5.5	J
3. 91-20-3	Naphthalene	25.56	7.5	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1121

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3120.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. 100 Date Analyzed: 11/21/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/L</u>	
74-87-3	Chloromethane		10	U
75-01-4	Vinyl Chloride		10	U
74-83-9	Bromomethane		10	U
75-00-3	Chloroethane		10	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
75-09-2	Methylene Chloride		2.4	J
156-60-5	trans-1,2-Dichloroethene		5	U
75-34-3	1,1-Dichloroethane		5	U
67-66-3	Chloroform		5	U
107-06-2	1,2-Dichloroethane		5	U
71-55-6	1,1,1-Trichloroethane		5	U
56-23-5	Carbon Tetrachloride		5	U
71-43-2	Benzene		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
75-27-4	Bromodichloromethane		5	U
110-75-8	2-Chloroethyl vinyl ether		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
10061-01-5	cis-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U
124-48-1	Dibromochloromethane		5	U
75-25-2	Bromoform		5	U
108-88-3	Toluene		5	U
127-18-4	Tetrachloroethene		5	U
108-90-7	Chlorobenzene		5	U
100-41-4	Ethylbenzene		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

000058

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1121
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3120.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: not dec. 100 Date Analyzed: 11/21/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

Number TICs found: 2

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	3.53	5.5	J
2. 91-20-3	Naphthalene	25.57	6.4	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SBLK01

Lab Name: LRI Contract: NA

Project No.: NA Site: NA Location: NA Group: NA

Matrix: (soil/water) SOIL Lab Sample ID: SBLKQM11783T1

Sample wt/vol: 30.0 (g/mL G) Lab File ID: A4926.D

Level: (low/med) LOW Date Received: 11/13/95

% Moisture: 0 decanted: (Y/N): N Date Extracted: 11/13/95

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/95

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
62-75-9	N-Nitrosodimethylamine	330		U
111-44-4	bis(2-Chloroethyl)ether	330		U
108-95-2	Phenol	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
39638-32-9	2,2'-oxybis(1-Chloropropane)	330		U
67-72-1	Hexachloroethane	330		U
621-64-7	N-Nitroso-di-n-propylamine	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	bis(2-Chloroethoxy)methane	330		U
120-83-2	2,4-Dichlorophenol	330		U
120-82-1	1,2,4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
91-58-7	2-Chloronaphthalene	330		U
208-96-8	Acenaphthylene	330		U
131-11-3	Dimethylphthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
83-32-9	Acenaphthene	330		U
51-28-5	2,4-Dinitrophenol	830		U
121-14-2	2,4-Dinitrotoluene	330		U
100-02-7	4-Nitrophenol	830		U
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SBLK01

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) SOIL Lab Sample ID: SBLKQM11783T1
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: A4926.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 11/13/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aldol Condensation	7.27	3700	J
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3/98 *[Signature]*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SBLK04

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T4
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: J2512.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
62-75-9	N-Nitrosodimethylamine		10	U
111-44-4	bis(2-Chloroethyl)ether		10	U
108-95-2	Phenol		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
39638-32-9	2,2'-oxybis(1-Chloropropane)		10	U
67-72-1	Hexachloroethane		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
91-58-7	2-Chloronaphthalene		10	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		10	U
51-28-5	2,4-Dinitrophenol		25	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		25	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U

000269

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SBLK04

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T4
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: J2512.D
 Level: (low/med) _____ Date Received: 11/10/95
 % Moisture: 100 decanted: (Y/N) N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Concentration Units: _____
 Number TICs found: 2 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aromatic Hydrocarbon	5.08	5.2	J
2.	Unknown	12.28	8	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

FIELD BLANKRE

Lab Name: LRI Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: T511139-03RE
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3122.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: not dec. 100 Date Analyzed: 11/21/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
74-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	10		U
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-09-2	Methylene Chloride	3.4		JB
156-60-5	trans-1,2-Dichloroethene	5		U
75-34-3	1,1-Dichloroethane	5		U
67-66-3	Chloroform	5		U
107-06-2	1,2-Dichloroethane	7.1		
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
110-75-8	2-Chloroethyl vinyl ether	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
124-48-1	Dibromochloromethane	5		U
75-25-2	Bromoform	5		U
108-88-3	Toluene	5		U
127-18-4	Tetrachloroethene	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
95-50-1	1,2-Dichlorobenzene	5		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

FIELD BLANK RE

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: T511139-03RE
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3122.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: not dec. 100 Date Analyzed: 11/21/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

Number TICs found: 1 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 67-64-1	Acetone	3.68	18	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

S-1 ANN

Lab Name: _____ Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: T511139-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2473.D

Level: (low/med) LOW Date Received: 11/9/95

% Moisture: not dec. 25 Date Analyzed: 11/14/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
74-87-3	Chloromethane		13	U
75-01-4	Vinyl Chloride		13	U
74-83-9	Bromomethane		13	U
75-00-3	Chloroethane		13	U
75-69-4	Trichlorofluoromethane		6.7	U
75-35-4	1,1-Dichloroethene		6.7	U
75-09-2	Methylene Chloride		8.1	B
156-60-5	trans-1,2-Dichloroethene		6.7	U
75-34-3	1,1-Dichloroethane		6.7	U
67-66-3	Chloroform		6.7	U
107-06-2	1,2-Dichloroethane		6.7	U
71-55-6	1,1,1-Trichloroethane		6.7	U
56-23-5	Carbon Tetrachloride		6.7	U
71-43-2	Benzene		6.7	U
79-01-6	Trichloroethene		6.7	U
78-87-5	1,2-Dichloropropane		6.7	U
75-27-4	Bromodichloromethane		6.7	U
110-75-8	2-Chloroethyl vinyl ether		6.7	U
10061-02-6	trans-1,3-Dichloropropene		6.7	U
10061-01-5	cis-1,3-Dichloropropene		6.7	U
79-00-5	1,1,2-Trichloroethane		6.7	U
124-48-1	Dibromochloromethane		6.7	U
75-25-2	Bromoform		6.7	U
108-88-3	Toluene		6.7	U
127-18-4	Tetrachloroethene		6.7	U
108-90-7	Chlorobenzene		6.7	U
100-41-4	Ethylbenzene		6.7	U
79-34-5	1,1,2,2-Tetrachloroethane		6.7	U
541-73-1	1,3-Dichlorobenzene		6.7	U
106-46-7	1,4-Dichlorobenzene		6.7	U
95-50-1	1,2-Dichlorobenzene		6.7	U

000095

ORIGINAL
(Red)

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

S-2 *AW*

Lab Name: _____ Contract: _____

Project No. _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: T511139-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2473.D

Level: (low/med) LOW Date Received: 11/9/95

% Moisture: not dec. 25 Date Analyzed: 11/14/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 15 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	24.51	9	J
2.	Unknown	24.95	11	J
3.	Unknown	25.26	8.3	J
4.	Unknown	25.71	14	J
5.	Unknown	26.85	13	J
6.	Unknown	27.07	18	J
7.	Aromatic Hydrocarbon	27.68	18	J
8.	Unknown	28.42	16	J
9.	Aromatic Hydrocarbon	28.87	20	J
10.	Unknown	29.07	12	J
11.	Unknown	29.38	27	J
12.	Unknown	29.84	35	J
13.	Unknown	30.29	11	J
14.	Unknown	31.12	14	J
15.	Aromatic Hydrocarbon	31.40	9.7	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

S-1

Lab Name: _____ Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: T511139-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2472.D

Level: (low/med) LOW Date Received: 11/9/95

% Moisture: not dec. 31 Date Analyzed: 11/14/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
74-87-3	Chloromethane	14		U
75-01-4	Vinyl Chloride	14		U
74-83-9	Bromomethane	14		U
75-00-3	Chloroethane	14		U
75-69-4	Trichlorofluoromethane	7.2		U
75-35-4	1,1-Dichloroethene	7.2		U
75-09-2	Methylene Chloride	11		B
156-60-5	trans-1,2-Dichloroethene	7.2		U
75-34-3	1,1-Dichloroethane	7.2		U
67-66-3	Chloroform	7.2		U
107-06-2	1,2-Dichloroethane	7.2		U
71-55-6	1,1,1-Trichloroethane	7.2		U
56-23-5	Carbon Tetrachloride	7.2		U
71-43-2	Benzene	7.2		U
79-01-6	Trichloroethene	7.2		U
78-87-5	1,2-Dichloropropane	7.2		U
75-27-4	Bromodichloromethane	7.2		U
110-75-8	2-Chloroethyl vinyl ether	7.2		U
10061-02-6	trans-1,3-Dichloropropene	7.2		U
10061-01-5	cis-1,3-Dichloropropene	7.2		U
79-00-5	1,1,2-Trichloroethane	7.2		U
124-48-1	Dibromochloromethane	7.2		U
75-25-2	Bromoform	7.2		U
108-88-3	Toluene	7.2		U
127-18-4	Tetrachloroethene	7.2		U
108-90-7	Chlorobenzene	7.2		U
100-41-4	Ethylbenzene	7.2		U
79-34-5	1,1,2,2-Tetrachloroethane	7.2		U
541-73-1	1,3-Dichlorobenzene	7.2		U
106-46-7	1,4-Dichlorobenzene	7.2		U
95-50-1	1,2-Dichlorobenzene	7.2		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

S-1

Lab Name: _____ Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) SOIL Lab Sample ID: T511139-01
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: B2472.D
 Level: (low/med) LOW Date Received: 11/9/95
 % Moisture: not dec. 31 Date Analyzed: 11/14/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No non target compound found			
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

S-2

Lab Name: LRI Contract: NA

Project No.: NA Site: NA Location: NA Group: NA

Matrix: (soil/water) SOIL Lab Sample ID: T511139-02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: A4965.D

Level: (low/med) LOW Date Received: 11/9/95

% Moisture: 25 decanted: (Y/N): N Date Extracted: 11/13/95

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/95

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
62-75-9	N-Nitrosodimethylamine	440		U
111-44-4	bis(2-Chloroethyl)ether	440		U
108-95-2	Phenol	440		U
95-57-8	2-Chlorophenol	440		U
541-73-1	1,3-Dichlorobenzene	440		U
106-46-7	1,4-Dichlorobenzene	440		U
95-50-1	1,2-Dichlorobenzene	440		U
39638-32-9	2,2'-oxybis(1-Chloropropane)	440		U
67-72-1	Hexachloroethane	440		U
621-64-7	N-Nitroso-di-n-propylamine	440		U
98-95-3	Nitrobenzene	440		U
78-59-1	Isophorone	440		U
88-75-5	2-Nitrophenol	440		U
105-67-9	2,4-Dimethylphenol	440		U
111-91-1	bis(2-Chloroethoxy)methane	440		U
120-83-2	2,4-Dichlorophenol	440		U
120-82-1	1,2,4-Trichlorobenzene	440		U
91-20-3	Naphthalene	440		U
87-68-3	Hexachlorobutadiene	440		U
59-50-7	4-Chloro-3-methylphenol	440		U
77-47-4	Hexachlorocyclopentadiene	440		U
88-06-2	2,4,6-Trichlorophenol	440		U
91-58-7	2-Chloronaphthalene	440		U
208-96-8	Acenaphthylene	440		U
131-11-3	Dimethylphthalate	440		U
606-20-2	2,6-Dinitrotoluene	440		U
83-32-9	Acenaphthene	440		U
51-28-5	2,4-Dinitrophenol	1100		U
121-14-2	2,4-Dinitrotoluene	440		U
100-02-7	4-Nitrophenol	1100		U
86-73-7	Fluorene	440		U
7005-72-3	4-Chlorophenyl-phenylether	440		U
84-66-2	Diethylphthalate	440		U

000347

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

S-2

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) SOIL Lab Sample ID: T511139-02
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: A4965.D
 Level: (low/med) LOW Date Received: 11/9/95
 % Moisture: 25 decanted: (Y/N) N Date Extracted: 11/13/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Number TICs found: 12 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aldol Condensation	7.04	4500	J <i>B</i>
2.	Unknown Alkane	25.07	260	J
3.	Unknown	25.45	180	J
4.	Unknown	25.53	580	J
5.	Unknown	25.61	250	J
6.	Unknown	27.18	380	J
7.	Unknown	29.65	240	J
8.	Unknown Alkane	35.23	180	J
9.	Unknown Alkane	37.25	360	J
10.	Unknown Alkane	39.90	460	J
11.	Unknown Alkane	43.59	190	J
12.	Unknown	44.77	450	J
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8270
3/90 UB

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

FIELD BLANK

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: T511139-03
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: J2513.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: 100 decanted: (Y/N) N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Concentration Units: _____
 Number TICs found: 5 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aromatic Hydrocarbon	5.08	6.1	JB <i>us</i>
2.	Unknown	5.18	2.5	JB <i>us</i>
3.	Unknown	12.26	8.3	J
4.	Unknown	12.29	3.3	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

FIELD BLANK

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: T511139-03
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: J2513.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
62-75-9	N-Nitrosodimethylamine	10		U
111-44-4	bis(2-Chloroethyl)ether	10		U
108-95-2	Phenol	10		U
95-57-8	2-Chlorophenol	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
39638-32-9	2,2'-oxybis(1-Chloropropane)	10		U
67-72-1	Hexachloroethane	10		U
621-64-7	N-Nitroso-di-n-propylamine	10		U
98-95-3	Nitrobenzene	10		U
78-59-1	Isophorone	10		U
88-75-5	2-Nitrophenol	10		U
105-67-9	2,4-Dimethylphenol	10		U
111-91-1	bis(2-Chloroethoxy)methane	10		U
120-83-2	2,4-Dichlorophenol	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
91-20-3	Naphthalene	10		U
87-68-3	Hexachlorobutadiene	10		U
59-50-7	4-Chloro-3-methylphenol	10		U
77-47-4	Hexachlorocyclopentadiene	10		U
88-06-2	2,4,6-Trichlorophenol	10		U
91-58-7	2-Chloronaphthalene	10		U
208-96-8	Acenaphthylene	10		U
131-11-3	Dimethylphthalate	10		U
606-20-2	2,6-Dinitrotoluene	10		U
83-32-9	Acenaphthene	10		U
51-28-5	2,4-Dinitrophenol	25		U
121-14-2	2,4-Dinitrotoluene	10		U
100-02-7	4-Nitrophenol	25		U
86-73-7	Fluorene	10		U
7005-72-3	4-Chlorophenyl-phenylether	10		U
84-66-2	Diethylphthalate	10		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK20

Lab Name: LRI Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1120
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3100.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: not dec. 100 Date Analyzed: 11/20/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/L
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl vinyl ether	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
124-48-1	Dibromochloromethane	5	U
75-25-2	Bromoform	5	U
108-88-3	Toluene	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

000033

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK20

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1120
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3100.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: not dec. 100 Date Analyzed: 11/20/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

Number TICs found: 1 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	23.61	6.9	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1121

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3120.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. 100 Date Analyzed: 11/21/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/L</u>	
74-87-3	Chloromethane		10	U
75-01-4	Vinyl Chloride		10	U
74-83-9	Bromomethane		10	U
75-00-3	Chloroethane		10	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
75-09-2	Methylene Chloride		2.4	J
156-60-5	trans-1,2-Dichloroethene		5	U
75-34-3	1,1-Dichloroethane		5	U
67-66-3	Chloroform		5	U
107-06-2	1,2-Dichloroethane		5	U
71-55-6	1,1,1-Trichloroethane		5	U
56-23-5	Carbon Tetrachloride		5	U
71-43-2	Benzene		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
75-27-4	Bromodichloromethane		5	U
110-75-8	2-Chloroethyl vinyl ether		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
10061-01-5	cis-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U
124-48-1	Dibromochloromethane		5	U
75-25-2	Bromoform		5	U
108-88-3	Toluene		5	U
127-18-4	Tetrachloroethene		5	U
108-90-7	Chlorobenzene		5	U
100-41-4	Ethylbenzene		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

000035

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

VBLK21

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC1121
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3120.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: not dec. 100 Date Analyzed: 11/21/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

Number TICs found: 2 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	3.53	5.5	J
2. 91-20-3	Naphthalene	25.57	6.4	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

W-1

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) WATER Lab Sample ID: T511140-01

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3113.D

Level: (low/med) _____ Date Received: 11/9/95

% Moisture: not dec. 100 Date Analyzed: 11/21/95

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
74-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	10		U
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-09-2	Methylene Chloride	3.5		J
156-60-5	trans-1,2-Dichloroethene	5		U
75-34-3	1,1-Dichloroethane	5		U
67-66-3	Chloroform	5		U
107-06-2	1,2-Dichloroethane	4.1		J
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
79-01-6	Trichloroethene	1.1		J
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
110-75-8	2-Chloroethyl vinyl ether	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
124-48-1	Dibromochloromethane	5		U
75-25-2	Bromoform	5		U
108-88-3	Toluene	5		U
127-18-4	Tetrachloroethene	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
95-50-1	1,2-Dichlorobenzene	5		U

000046

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

W-1

Lab Name: LRI Contract: _____
 Project No. _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) WATER Lab Sample ID: T511140-01
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C3113.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: not dec. 100 Date Analyzed: 11/21/95
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	5.90	6.8	J
2.	Unknown	30.73	6.6	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SBLK01

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T1
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: W0559.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 10/25/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
111-44-4	bis(2-Chloroethyl)ether		10	U
108-95-2	Phenol		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
39638-32-9	2,2'-oxybis(1-Chloropropane)		10	U
100-51-6	Benzyl alcohol		10	U
95-48-7	2-Methylphenol		10	U
67-72-1	Hexachloroethane		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
106-44-5	3&4 Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
65-85-0	Benzoic acid		25	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U

000109

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SBLK01

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T1
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: W0559.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 10/25/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
83-32-9	Acenaphthene		10	U
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		25	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	2-Methyl-4,6-dinitrophenol		25	U
86-30-6	n-Nitrosodiphenylamine		10	U
103-33-3	Azobenzene		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo[a]anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	bis(2-Ethylhexyl)phthalate		10	U
117-84-0	Di-n-octylphthalate		10	U
205-99-2	Benzo[b]fluoranthene		10	U
207-08-9	Benzo[k]fluoranthene		10	U
50-32-8	Benzo[a]pyrene		10	U
193-39-5	Indeno[1,2,3-cd]pyrene		10	U
53-70-3	Dibenzo[a,h]anthracene		10	U
191-24-2	Benzo[g,h,i]perylene		10	U

000110

3/26/95
(100)

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SBLK01

Lab Name: LRI Contract: NA

Project No.: NA Site: NA Location: NA Group: NA

Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T1

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W0559.D

Level: (low/med) _____ Date Received: _____

% Moisture: 100 decanted: (Y/N) N Date Extracted: 10/25/95

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/95

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc	Q
1.				
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000111

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SBLK04

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T4
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: J2512.D
 Level: (low/med) _____ Date Received: _____
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
62-75-9	N-Nitrosodimethylamine	10		U
111-44-4	bis(2-Chloroethyl)ether	10		U
108-95-2	Phenol	10		U
95-57-8	2-Chlorophenol	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
39638-32-9	2,2'-oxybis(1-Chloropropane)	10		U
67-72-1	Hexachloroethane	10		U
621-64-7	N-Nitroso-di-n-propylamine	10		U
98-95-3	Nitrobenzene	10		U
78-59-1	Isophorone	10		U
88-75-5	2-Nitrophenol	10		U
105-67-9	2,4-Dimethylphenol	10		U
111-91-1	bis(2-Chloroethoxy)methane	10		U
120-83-2	2,4-Dichlorophenol	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
91-20-3	Naphthalene	10		U
87-68-3	Hexachlorobutadiene	10		U
59-50-7	4-Chloro-3-methylphenol	10		U
77-47-4	Hexachlorocyclopentadiene	10		U
88-06-2	2,4,6-Trichlorophenol	10		U
91-58-7	2-Chloronaphthalene	10		U
208-96-8	Acenaphthylene	10		U
131-11-3	Dimethylphthalate	10		U
606-20-2	2,6-Dinitrotoluene	10		U
83-32-9	Acenaphthene	10		U
51-28-5	2,4-Dinitrophenol	25		U
121-14-2	2,4-Dinitrotoluene	10		U
100-02-7	4-Nitrophenol	25		U
86-73-7	Fluorene	10		U
7005-72-3	4-Chlorophenyl-phenylether	10		U
84-66-2	Diethylphthalate	10		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SBLK04

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: SBLKQM11509T4
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: J2512.D
 Level: (low/med) _____ Date Received: 11/10/95
 % Moisture: 100 decanted: (Y/N) N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Number TICs found: 2 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aromatic Hydrocarbon	5.08	5.2	J
2.	Unknown	12.28	8	J
3.				
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000114

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

W-1

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: T511140-01
 Sample wt/vol: 1000.0 (g/mL ML) Lab File ID: J2514.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
62-75-9	N-Nitrosodimethylamine	10		U
111-44-4	bis(2-Chloroethyl)ether	10		U
108-95-2	Phenol	10		U
95-57-8	2-Chlorophenol	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
39638-32-9	2,2'-oxybis(1-Chloropropane)	10		U
67-72-1	Hexachloroethane	10		U
621-64-7	N-Nitroso-di-n-propylamine	10		U
98-95-3	Nitrobenzene	10		U
78-59-1	Isophorone	10		U
88-75-5	2-Nitrophenol	10		U
105-67-9	2,4-Dimethylphenol	10		U
111-91-1	bis(2-Chloroethoxy)methane	10		U
120-83-2	2,4-Dichlorophenol	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
91-20-3	Naphthalene	10		U
87-68-3	Hexachlorobutadiene	10		U
59-50-7	4-Chloro-3-methylphenol	10		U
77-47-4	Hexachlorocyclopentadiene	10		U
88-06-2	2,4,6-Trichlorophenol	10		U
91-58-7	2-Chloronaphthalene	10		U
208-96-8	Acenaphthylene	10		U
131-11-3	Dimethylphthalate	10		U
606-20-2	2,6-Dinitrotoluene	10		U
83-32-9	Acenaphthene	10		U
51-28-5	2,4-Dinitrophenol	25		U
121-14-2	2,4-Dinitrotoluene	10		U
100-02-7	4-Nitrophenol	25		U
86-73-7	Fluorene	10		U
7005-72-3	4-Chlorophenyl-phenylether	10		U
84-66-2	Diethylphthalate	10		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
W-1

Lab Name: LRI Contract: NA
 Project No.: NA Site: NA Location: NA Group: NA
 Matrix: (soil/water) WATER Lab Sample ID: T511140-01
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: J2514.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: 100 decanted: (Y/N) N Date Extracted: 11/10/95
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____
 Concentration Units: _____
 Number TICs found: 3 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc	Q
1.	Aromatic Hydrocarbon	5.08	6	JB
2.	Unknown	11.10	1.4	J
3.	Unknown	12.26	11	JB
4.				
5.				
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000135

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

11214SBLK04

Signal 1

Lab Name: LRI Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Method 8080 Lab Sample ID: 11214-BLANK-04
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: O3367.D
 Level: (low/med) _____ Date Received: 11/10/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/95
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
58-89-9	gamma-BHC [Lindane]		0.04	U
76-44-8	Heptachlor		0.03	U
309-00-2	Aldrin		0.04	U
1024-57-3	Heptachlor epoxide		0.10	U
959-98-8	Endosulfan I		0.05	U
60-57-1	Dieldrin		0.02	U
33213-65-9	Endosulfan II		0.04	U
50-29-3	4,4'-DDT		0.01	U
7421-36-3	Endrin aldehyde		0.05	U
72-43-5	Methoxychlor		0.40	U
319-84-6	alpha-BHC		0.03	U
315-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
72-55-9	4,4'-DDE		0.05	U
72-20-8	Endrin		0.05	U
72-54-8	4,4'-DDD		0.05	U
1031-07-8	Endosulfan sulfate		0.10	U
53494-70-5	Endrin ketone		0.05	U
00057-74-9	Chlordane		0.05	U
8001-35-2	Toxaphene		0.30	U
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

000211

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W-1

Signal 1

Lab Name: LRI Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Method 8080 Lab Sample ID: T511140-01

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: O3370.D

Level: (low/med) _____ Date Received: 11/9/95

% Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
58-89-9	gamma-BHC [Lindane]		0.04	U
76-44-8	Heptachlor		0.03	U
309-00-2	Aldrin		0.04	U
1024-57-3	Heptachlor epoxide		0.10	U
959-98-8	Endosulfan I		0.05	U
60-57-1	Dieldrin		0.02	U
33213-65-9	Endosulfan II		0.04	U
50-29-3	4,4'-DDT		0.01	U
7421-36-3	Endrin aldehyde		0.05	U
72-43-5	Methoxychlor		0.40	U
319-84-6	alpha-BHC		0.03	U
315-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
72-55-9	4,4'-DDE		0.05	U
72-20-8	Endrin		0.05	U
72-54-8	4,4'-DDD		0.05	U
1031-07-8	Endosulfan sulfate		0.10	U
53494-70-5	Endrin ketone		0.05	U
00057-74-9	Chlordane		0.05	U
8001-35-2	Toxaphene		0.30	U
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

000235

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

11214SBLK04

Signal 1

Lab Name: LRI Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Method 8080 Lab Sample ID: 11214-BLANK-04
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: O3367.D
 Level: (low/med) _____ Date Received: 11/10/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/95
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
58-89-9	gamma-BHC [Lindane]		0.04	U
76-44-8	Heptachlor		0.03	U
309-00-2	Aldrin		0.04	U
1024-57-3	Heptachlor epoxide		0.10	U
959-98-8	Endosulfan I		0.05	U
60-57-1	Dieldrin		0.02	U
33213-65-9	Endosulfan II		0.04	U
50-29-3	4,4'-DDT		0.01	U
7421-36-3	Endrin aldehyde		0.05	U
72-43-5	Methoxychlor		0.40	U
319-84-6	alpha-BHC		0.03	U
315-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
72-55-9	4,4'-DDE		0.05	U
72-20-8	Endrin		0.05	U
72-54-8	4,4'-DDD		0.05	U
1031-07-8	Endosulfan sulfate		0.10	U
53494-70-5	Endrin ketone		0.05	U
00057-74-9	Chlordane		0.05	U
8001-35-2	Toxaphene		0.30	U
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

000530

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

11214SBLK01

Signal 2

Lab Name: LRI Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Method 8080 Lab Sample ID: 11214-BLANK-01
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: P2544.D
 Level: (low/med) _____ Date Received: 10/3/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 10/3/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/4/95
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/L</u>	Q
58-89-9	gamma-BHC [Lindane]		0.04	U
76-44-8	Heptachlor		0.03	U
309-00-2	Aldrin		0.04	U
1024-57-3	Heptachlor epoxide		0.10	U
959-98-8	Endosulfan I		0.05	U
60-57-1	Dieldrin		0.02	U
33213-65-9	Endosulfan II		0.04	U
50-29-3	4,4'-DDT		0.10	U
7421-36-3	Endrin aldehyde		0.05	U
72-43-5	Methoxychlor		0.40	U
319-84-6	alpha-BHC		0.03	U
315-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
72-55-9	4,4'-DDE		0.05	U
72-20-8	Endrin		0.05	U
72-54-8	4,4'-DDD		0.05	U
1031-07-8	Endosulfan sulfate		0.10	U
53494-70-5	Endrin ketone		0.05	U
00057-74-9	Chlordane		0.05	U
8001-35-2	Toxaphene		0.30	U
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

000531

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

11687SBLK02

Signal 1

Lab Name: LRI Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: 11687-BLK02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: O3563.D

Level: (low/med) LOW Date Received: 11/15/95 *Q*

% Moisture: 0 decanted: (Y/N): N Date Extracted: 11/15/95

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
58-89-9	gamma-BHC [Lindane]		1.3	U
76-44-8	Heptachlor		1.0	U
309-00-2	Aldrin		1.3	U
1024-57-3	Heptachlor epoxide		3.3	U
959-98-8	Endosulfan I		1.7	U
60-57-1	Dieldrin		0.7	U
33213-65-9	Endosulfan II		1.3	U
50-29-3	4,4'-DDT		0.3	U
7421-36-3	Endrin aldehyde		1.7	U
72-43-5	Methoxychlor		13.0	U
319-84-6	alpha-BHC		0.8	U
315-85-7	beta-BHC		1.7	U
319-86-8	delta-BHC		1.7	U
72-55-9	4,4'-DDE		1.7	U
72-20-8	Endrin		1.7	U
72-54-8	4,4'-DDD		1.7	U
1031-07-8	Endosulfan sulfate		3.3	U
53494-70-5	Endrin ketone		1.7	U
00057-74-9	Chlordane		1.7	U
8001-35-2	Toxaphene		8.3	U
12674-11-2	Aroclor 1016		17.0	U
11104-28-2	Aroclor 1221		17.0	U
11141-16-5	Aroclor 1232		17.0	U
53469-21-9	Aroclor 1242		17.0	U
12672-29-6	Aroclor 1248		17.0	U
11097-69-1	Aroclor 1254		17.0	U
11096-82-5	Aroclor 1260		17.0	U

000532

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-1

Signal 1

Lab Name: LRI Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T511139-01
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: O3564.D
 Level: (low/med) LOW Date Received: 11/9/95
 % Moisture: 31 decanted: (Y/N): N Date Extracted: 11/15/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/95
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
58-89-9	gamma-BHC [Lindane]		1.9	U
76-44-8	Heptachlor		1.4	U
309-00-2	Aldrin		1.9	U
1024-57-3	Heptachlor epoxide		4.8	U
959-98-8	Endosulfan I		2.4	U
60-57-1	Dieldrin		1.0	U
33213-65-9	Endosulfan II		1.9	U
50-29-3	4,4'-DDT		0.5	U
7421-36-3	Endrin aldehyde		2.4	U
72-43-5	Methoxychlor		19.0	U
319-84-6	alpha-BHC		1.2	U
315-85-7	beta-BHC		2.4	U
319-86-8	delta-BHC		2.4	U
72-55-9	4,4'-DDE		0.6	J
72-20-8	Endrin		2.4	U
72-54-8	4,4'-DDD		2.4	U
1031-07-8	Endosulfan sulfate		4.8	U
53494-70-5	Endrin ketone		2.4	U
00057-74-9	Chlordane		2.4	U
8001-35-2	Toxaphene		12.0	U
12674-11-2	Aroclor 1016		24.0	U
11104-28-2	Aroclor 1221		24.0	U
11141-16-5	Aroclor 1232		24.0	U
53469-21-9	Aroclor 1242		24.0	U
12672-29-6	Aroclor 1248		24.0	U
11097-69-1	Aroclor 1254		24.0	U
11096-82-5	Aroclor 1260		24.0	U

000604

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-2

Signal 2

Lab Name: LRI Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T511139-02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P3565.D

Level: (low/med) LOW Date Received: 11/9/95

% Moisture: 25 decanted: (Y/N): N Date Extracted: 11/15/95

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
58-89-9	gamma-BHC [Lindane]		1.8	U
76-44-8	Heptachlor		1.3	U
309-00-2	Aldrin		1.8	U
1024-57-3	Heptachlor epoxide		4.4	U
959-98-8	Endosulfan I		2.2	U
60-57-1	Dieldrin		0.9	U
33213-65-9	Endosulfan II		1.8	U
50-29-3	4,4'-DDT		1.6	J
7421-36-3	Endrin aldehyde		2.2	U
72-43-5	Methoxychlor		18.0	U
319-84-6	alpha-BHC		1.1	U
315-85-7	beta-BHC		2.2	U
319-86-8	delta-BHC		2.2	U
72-55-9	4,4'-DDE		2.8	
72-20-8	Endrin		2.2	U
72-54-8	4,4'-DDD		2.2	U
1031-07-8	Endosulfan sulfate		4.4	U
53494-70-5	Endrin ketone		2.2	U
00057-74-9	Chlordane		2.2	U
8001-35-2	Toxaphene		11.0	U
12674-11-2	Aroclor 1016		22.0	U
11104-28-2	Aroclor 1221		22.0	U
11141-16-5	Aroclor 1232		22.0	U
53469-21-9	Aroclor 1242		22.0	U
12672-29-6	Aroclor 1248		22.0	U
11097-69-1	Aroclor 1254		22.0	U
11096-82-5	Aroclor 1260		22.0	U

000614

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Signal 1

Lab Name: LRI Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Method 8080 Lab Sample ID: T511139-03
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: O3368.D
 Level: (low/med) _____ Date Received: 11/9/95
 % Moisture: 100 decanted: (Y/N): N Date Extracted: 11/10/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/95
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
58-89-9	gamma-BHC [Lindane]		0.04	U
76-44-8	Heptachlor		0.03	U
309-00-2	Aldrin		0.04	U
1024-57-3	Heptachlor epoxide		0.10	U
959-98-8	Endosulfan I		0.05	U
60-57-1	Dieldrin		0.02	U
33213-65-9	Endosulfan II		0.04	U
50-29-3	4,4'-DDT		0.01	U
7421-36-3	Endrin aldehyde		0.05	U
72-43-5	Methoxychlor		0.40	U
319-84-6	alpha-BHC		0.03	U
315-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
72-55-9	4,4'-DDE		0.05	U
72-20-8	Endrin		0.05	U
72-54-8	4,4'-DDD		0.05	U
1031-07-8	Endosulfan sulfate		0.10	U
53494-70-5	Endrin ketone		0.05	U
00057-74-9	Chlordane		0.05	U
8001-35-2	Toxaphene		0.30	U
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

000618

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T511139
 LRI Sample No: 1

Client: Roy F. Weston Inc -Delran
 Location: NJ
 Project: 10/95 - 12
 Sample Description: S-1

Date Collected: 11/07/95
 Date Received: 11/09/95

Matrix: Soil
 Percent Moisture: 30.8%

Parameter	Result	QL	Units	Started		Completed		Dilution
				Date	By	Date	By	
<u>Mercury by Cold Vapor by 7470, TCLP</u>								
Mercury	0.0050 U	0.0050	mg/L	11/21/95	AMB	11/22/95	AMB	1
<u>Metals by ICP by 6010, TCLP</u>								
Arsenic	1.0 U	1	mg/L	11/21/95	MG	11/22/95	MP	1
Barium	1.6	1	mg/L	11/21/95	MG	11/22/95	MP	1
Cadmium	0.050 U	.05	mg/L	11/21/95	MG	11/22/95	MP	1
Chromium	0.10 U	.1	mg/L	11/21/95	MG	11/22/95	MP	1
Lead	0.30 U	.3	mg/L	11/21/95	MG	11/22/95	MP	1
Selenium	0.50 U	.5	mg/L	11/21/95	MG	11/22/95	MP	1
Silver	0.050 U	.05	mg/L	11/21/95	MG	11/22/95	MP	1
<u>Mercury by Cold Vapor by 7470</u>								
Mercury	360 U	360	ug/kg	11/21/95	AMB	11/22/95	AMB	1
<u>Metals by ICP by 6010</u>								
Antimony	720 U	720	ug/kg	11/21/95	MG	11/22/95	MP	1
Arsenic	4700	720	ug/kg	11/21/95	MG	11/22/95	MP	1
Beryllium	1200	360	ug/kg	11/21/95	MG	11/22/95	MP	1
Cadmium	360 U	360	ug/kg	11/21/95	MG	11/22/95	MP	1
Chromium	18000	720	ug/kg	11/21/95	MG	11/22/95	MP	1
Copper	9700	1800	ug/kg	11/21/95	MG	11/22/95	MP	1
Lead	18000	220	ug/kg	11/21/95	MG	11/22/95	MP	1
Nickel	11000	1400	ug/kg	11/21/95	MG	11/22/95	MP	1
Selenium	360 U	360	ug/kg	11/21/95	MG	11/22/95	MP	1
Silver	360 U	360	ug/kg	11/21/95	MG	11/22/95	MP	1
Thallium	720 U	720	ug/kg	11/21/95	MG	11/22/95	MP	1
Zinc	45000	1400	ug/kg	11/21/95	MG	11/22/95	MP	1

001196

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T511139
 LRI Sample No: 2

Client: Roy F. Weston Inc -Delran
 Location: NJ
 Project: 10/95 - 12
 Sample Description: S-2

Date Collected: 11/07/95
 Date Received: 11/09/95

Matrix: Soil
 Percent Moisture: 25.1%

Parameter	Result	QL	Units	Started		Completed		Dilution
				Date	By	Date	By	
<u>Mercury by Cold Vapor by 7470</u>								
Mercury	330 U	330	ug/kg	11/21/95	AMB	11/22/95	AMB	1
<u>Metals by ICP by 6010</u>								
Antimony	670 U	670	ug/kg	11/21/95	MG	11/22/95	MP	1
Arsenic	3500	670	ug/kg	11/21/95	MG	11/22/95	MP	1
Beryllium	780	330	ug/kg	11/21/95	MG	11/22/95	MP	1
Cadmium	330 U	330	ug/kg	11/21/95	MG	11/22/95	MP	1
Chromium	13000	670	ug/kg	11/21/95	MG	11/22/95	MP	1
Copper	6800	1700	ug/kg	11/21/95	MG	11/22/95	MP	1
Lead	13000	200	ug/kg	11/21/95	MG	11/22/95	MP	1
Nickel	7100	1300	ug/kg	11/21/95	MG	11/22/95	MP	1
Selenium	330 U	330	ug/kg	11/21/95	MG	11/22/95	MP	1
Silver	330 U	330	ug/kg	11/21/95	MG	11/22/95	MP	1
Thallium	670 U	670	ug/kg	11/21/95	MG	11/22/95	MP	1
Zinc	34000	1300	ug/kg	11/21/95	MG	11/22/95	MP	1

001197

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
 Division: New Jersey
 LRI Order No: T511139
 LRI Sample No: 3

Client: Roy F. Weston Inc -Delran
 Location: NJ
 Project: 10/95 - 12
 Sample Description: FIELD BLANK

Date Collected: 11/07/95
 Date Received: 11/09/95

Matrix: Water
 Percent Moisture: N/A

Parameter	Result	QL	Units	Started		Completed		Dilution
				Date	By	Date	By	
<u>Mercury by Cold Vapor by 7470</u>								
Mercury	0.50 U	0.50	ug/L	11/21/95	AMB	11/22/95	AMB	1
<u>Metals by ICP by 6010</u>								
Antimony	10 U	10	ug/L	11/21/95	MG	11/22/95	MP	1
Arsenic	10 U	10	ug/L	11/21/95	MG	11/22/95	MP	1
Beryllium	5.0 U	5	ug/L	11/21/95	MG	11/22/95	MP	1
Cadmium	5.0 U	5	ug/L	11/21/95	MG	11/22/95	MP	1
Chromium	10 U	10	ug/L	11/21/95	MG	11/22/95	MP	1
Copper	25 U	25	ug/L	11/21/95	MG	11/22/95	MP	1
Lead	5.6	3	ug/L	11/21/95	MG	11/22/95	MP	1
Nickel	20 U	20	ug/L	11/21/95	MG	11/22/95	MP	1
Selenium	50 U	50	ug/L	11/21/95	MG	11/22/95	MP	1
Silver	5.0 U	5	ug/L	11/21/95	MG	11/22/95	MP	1
Thallium	10 U	10	ug/L	11/21/95	MG	11/22/95	MP	1
Zinc	140	20	ug/L	11/21/95	MG	11/22/95	MP	1

001198